

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Attached Patent Application of:

Claus J. H. JACOBSEN et al.

Serial No.: (to be assigned)

Group Art Unit: (to be assigned)

Filed: HEREWITH

Examiner: (to be assigned)

For: PROCESS FOR THE PREPARATION OF AMMONIA

PRELIMINARY AMENDMENT

Director of Patents and Trademarks  
Washington, D.C. 20231

Date: December 28, 2000

Sir:

Prior to calculation of the filing fee and examination of this application, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend the claims as follows:

Please cancel claims 1-4, and add the following new claims 5 and 6.

61  
-5. Process for the preparation of ammonia by contacting an ammonia synthesis gas with ammonia catalyst particles arranged in a fixed bed comprising catalyst particles with a particle size in the range of  $\geq 0.2$  mm to  $< 1.5$  mm, said synthesis gas being passed in radial direction through said fixed bed, wherein said fixed bed contains a mixture of catalyst particles with a size of 1.5 - 3.0 mm, 0.8 - 1.5 mm and 0.3 - 0.8 mm in a volume ratio of (40 - 70):(10 - 40):(10 - 30).--